AMENDMENT TO THE CLAIMS

1. (Currently Amended) Device for skin dermabrasion through gentle contact of the skin with an abrasive, the device comprising a handleable housing and abrasive driving means, ~~characterized by the fact that~~ wherein it comprises, in combination, an arcuate ~~a curved~~ abrasive surface that extends along an arc of a cylindrical surface with the abrasive surface on the curved outside of the arc, the arcuate abrasive surface being held by a support mounted in or on the housing for an oscillatory motion allowing oscillation of the ~~curved~~ arcuate abrasive surface about ~~its~~ the axis of said cylindrical surface, and a support surface surrounding the oscillatory arcuate abrasive surface at least on two opposing sides leaving a gap to allow oscillating motion of the arcuate abrasive surface in said gap, the device being arranged in such a way as to allow, solely by the manual application of the support surface against the skin and around the region of the skin to be treated, the gentle contact of this region of the skin with the oscillating arcuate abrasive surface.

2. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the ~~curved~~ arcuate abrasive surface is at the level of the support surface or inset up to 2 mm relative to this surface, and wherein the lateral gap between the arcuate abrasive surface and the edges of the support surface is between 1 and 4 mm on each side.

3. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the arcuate abrasive surface is carried on a piece of rigid or flexible material, said piece being removably mounted on the oscillating support.

4. (Currently Amended) Dermabrasion device according to claim 3, ~~characterized in that~~ wherein it includes several interchangeable pieces each with a different arcuate abrasive surface and/or of a different size.

5. (Currently Amended) Dermabrasion device according to claim 4, ~~characterized in that~~ wherein it includes at least one removable piece having a double face and mounted in a reversible way on the oscillating support.

6. (Currently Amended) Dermabrasion device according to claim 5, ~~characterized in that~~ wherein the removable piece has on one side ~~a curved~~an arcuate abrasive surface and on the other side a massage surface.

7. (Currently Amended) Dermabrasion device according to claim 3, ~~characterized in that~~ wherein the support surface is constituted by the edges of a U-shaped element that surround the piece with the abrasive surface, this piece being removable through the open end of the U-shaped element of the support surface.

8. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein said support surface is constituted by the edges of an element removably-mounted on the housing.

9. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein said support surface is constituted by the edges of the housing.

10. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the driving means allow variation of the oscillation speed of the oscillating arcuate abrasive surface.

11. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the oscillating arcuate abrasive surface ~~(30)~~ has an oscillation speed between 0.5 to 200 oscillations per second.

12. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the driving means comprise a stirrup solid with a lever mounted to pivot on the frame, the stirrup surrounding a cam driven by the shaft of an electric motor, said support of the abrasive arcuate surface being mounted at the end of the lever.

13. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the oscillation axis of the ~~curved~~ arcuate surface is inclined to the axis of the housing.

14. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein it includes means for driving said support with an oscillating motion and a to-and-fro motion perpendicular to said oscillating motion, simultaneously with or instead of said oscillating motion, to allow incidental use of the device to carry out a massage.

15. (Currently Amended) Dermabrasion device according to claim 1, ~~characterized in that~~ wherein the oscillatory support carrying the abrasive is cylindrical and has at least one ~~curved~~ arcuate abrasive surface on its cylindrical surface.

16. (Currently Amended) Process for cosmetic skin treatment by microepidermabrasion, using the device according to claim 1, ~~characterized by~~ comprising applying the support surface of the device against skin around a region of the skin to be treated, oscillating the ~~curved~~ arcuate abrasive surface about its axis~~,~~ and ~~causing~~ allowing, solely by the manual application of the support surface against the skin, the oscillating abrasive on the ~~curved~~ arcuate surface to gently contact the skin to treat the skin's epidermis.

17. (Currently Amended) Process according to claim 16, ~~characterized in that~~ wherein a cleaning product is applied beforehand to the skin to be treated.

18. (Previously presented) Process for cosmetic skin treatment including a preliminary microepidermabrasion according to claim 16, followed by application on the thus-treated epidermis of a treating product that is made to penetrate the skin tissue by the application of a high-frequency flux of electromagnetic energy and/or by the application of electromagnetic laser radiation and/or by light.

19. (Previously presented) Process according to claim 16, for an anti-wrinkle treatment, treatments for blemishes, stretch marks, acne, scars, depilation or for scalp treatment.

20. (Previously presented) Process according to claim 16 for skin microepidermabrasion.